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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent of: )  
KEIKO CHIBA ET AL. ) : Examiner: H.K. Mai  
Appln. No.: 10/761,293 ) : Art Unit: 2873  
Filed: January 22, 2004 ) :  
For: THREE-DIMENSIONAL STRUCTURE ) :  
FORMING METHOD ) :  
U.S. Patent No.: 7,027,227 B2 ) :  
Issued: April 11, 2006 ) : August 3, 2006

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

CERTIFICATE OF CORRECTION  
UNDER RULES 322 AND 323

**Certificate**  
AUG 09 2006  
**of Correction**

Sir:

It is respectfully requested that a Certificate of Correction be issued by the Patent and Trademark Office due to errors which appear in the printed patent as a result of Patent and Trademark Office mistakes, and mistakes of a clerical, typographical, or minor character, which were not the fault of the Patent and Trademark Office. A Certificate of Correction form, in duplicate, is enclosed.

08/07/2006 SDENBOB1 00000112 7027227  
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Accompanying this letter is a check for \$100.00 to cover the statutory fee for such Certificate of Correction.

Patentees' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

  
\_\_\_\_\_  
Jason M. Okun  
Attorney for Patentees  
Registration No. 48,512

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**CERTIFICATE OF CORRECTION**

PATENT NO. : US 7,027,227 B2  
DATED : April 11, 2006  
INVENTOR(S) : KEIKO CHIBA ET AL.

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

SHEET 1:

Figure 1, "DETERMINEDE" should read --DETERMINED--.

COLUMN 2:

Line 36, "element lens" should read --element lenses--; and  
Line 64, "resin," should read --resin's--.

COLUMN 4:

Line 29, "above claims" should read --above. Claims--;  
Line 45, "FIG. 2 is a schematic sectional view" should read --FIGS. 2A, 2B, 2C and 2D are schematic sectional views--;  
Line 47, "FIG. 3 is a schematic sectional view" should read --FIGS. 3A, 3B and 3C are schematic sectional views--;  
Line 49, "FIG. 4 is a schematic sectional view" should read --FIGS. 4A, 4B, 4C, 4D, 4E and 4F are schematic sectional views--;  
Line 51, "FIG. 5 is a schematic sectional view" should read --FIGS. 5A, 5B and 5C are schematic sectional views--; and  
Line 56, "FIG. 8 is a schematic sectional view" should read --FIGS. 8A and 8B are schematic sectional views--.

COLUMN 5:

Line 40, "a is the NA" should read -- $\alpha$  is the NA--;  
Line 49, "below" should read --below defines--; and  
Line 66, "small a" should read --small  $\sigma$ --.

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COLUMN 7:

Line 20, "FIG. 2 is a schematic sectional view" should read --FIGS. 2A, 2B, 2C and 2D are schematic sectional views; and

Line 55, "FIG. 3 is a schematic sectional view" should read --FIGS. 3A, 3B and 3C are schematic sectional views--.

COLUMN 8:

Line 3, "FIG. 4 is a schematic sectional view" should read --FIGS. 4A, 4B, 4C, 4D, 4E and 4F are schematic sectional views--;

Line 29, "substrate 30;" should read --substrate 30--;

Line 43, "FIG. 5 is a schematic sectional view" should read --FIGS. 5A, 5B, and 5C are schematic sectional views--; and

Line 48, "(Clariant Co." should read --(Clariant Co.,--.

COLUMN 9:

Line 42, "FIG. 8 is a schematic sectional view" should read --FIGS. 8A and 8B are schematic sectional views--;

Line 46, "FIG. 8," should read --FIGS. 8A and 8B,--; and

Line 53, "specific" should read --a specific--.

COLUMN 10:

Line 6, "FIG. 8." should read --FIGS. 8A and 8B.--;

Line 8, "FIG. 8." should read --FIGS. 8A and 8B.--;

Line 9, "mass production." should read --mass-production.--; and

Line 64, "expose" should read --exposure--.

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Line 6, "512 Thus," should read --512. Thus,--.

COLUMN 12:

Line 18, "5141" should read --514/--;

Line 32, "of the instant" should read --is--; and

Line 55, "a mask" should read --mask--.

COLUMN 13:

Line 36, "17, (development)" should read --17 (development),--.

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